## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

MI et al.

Appl. No.: 10/553,685 (U.S. National

Phase of PCT/US2004/008323)

I.A. Filing Date: March 17, 2004

For: NOGO Receptor Binding Protein

Confirmation No.: 4041

Art Unit: To be assigned

Examiner: To be assigned

Atty. Docket: 2159.0440003/EJH/J-H

## Information Disclosure Statement Under 37 C.F.R. § 1.97(b)

Mail Stop PCT

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Sir:

Listed on accompanying Forms PTO/SB/08A and PTO/SB/08B are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98.

Copies of documents FP1-FP23 and NPL1-NPL32 are submitted. However, in accordance with 37 C.F.R. § 1.98(a)(2), copies of U.S. patents and patent application publications, documents US1-US21, cited on the attached Form PTO/SB/08A are not submitted.

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicants have listed publication dates on the attached IDS Forms based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

The Examiner's attention is directed to the following co-pending, related application:

U.S. Application No. 11/165,576, inventors Mi et al., filed June 24, 2005, now published as U.S. Publication No. 2006/0009388 A1 (Document US20).

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits. No statement or fee is required.

It is respectfully requested that the Examiner initial and return copies of the enclosed IDS Forms, and indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

Agent for Applicants Registration No. 54,161

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Jan 19 2006

1100 New York Avenue, N.W. Washington, D.C. 20005-3934 (202) 371-2600 597086\_1.DOC

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INFO	INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			Application Number	10/553,685 (U.S. National Phase of PCT/US2004/008323)		
				I.A. Filing Date	March 17, 2004		
				First Named Inventor	Sha MI		
				Art Unit	To Be Assigned		
			Examiner Name	To Be Assigned			
Sheet	1	of	3	Attorney Docket Number	2159.0440003/EJH/J-H		

			U.S. PATENT DO	OCUMENTS		
Examiner Initials*		Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines,	
	110.	Number-Kind Code <sup>2 (If Known)</sup>	WW-DD-1111	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	
	USI	4,399,216	08-16-1983	Axel et al.		
	US2	4,510,245	04-09-1985	Cousens et al.		
	US3	4,634,665	01-06-1987	Axel et al.		
,	US4	4,968,615	11-06-1990	Koszinowski et al		
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	US18	2005/0215770 A1	09-29-2005	Bell et al.		
	US19	2005/0214288 A1	09-29-2005	Bell et al.		
	US20	2006/0009388 A1	01-12-2006	Mi et al.		

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Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where	
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)			Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
	FP1	EP 0 154 316 B1	09-11-1985	Takeda Chemical Ind., Ltd.		
	FP2	EP 0 401 384 B1	03-13-1996	Kirin-Amgen, Inc.		1
	FP3	WO 86/005807 A1	10-09-1986	Celltech Limited		
	FP4	EP 0 256 055 B1	08-28-1991	Celltech Limited		
	FP5	EP 0 323 997 B1	04-21-1993	Celltech Limited		┰
	FP6	EP 0 338 841 B1	04-18-1989	Celltech Limited		⇈
	FP7	WO 2002/014368 A2	02-21-2002	Curagen Corporation.		
	FP8	WO 2002/029058 A2	04-11-2002	Curagen Corp.		<u> </u>
	FP9	WO 2002/068579 A2	09-06-2002	PE Corporation (NY)		<b>—</b>

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	U.S. PATENT DOCUMENTS							
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	US21	2002/0123057 A1	09-05-2002	Zauderer et al.				
	US22							
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	FP10	WO 2004/085648 A2	10-07-2004	Biogen IDEC MA Inc.		
	FP11	WO 2003/035833 A2	05-01-2003	EXELIXIS, Inc.		
	FP12	WO 2003/023008 A2	03-20-2003	Curagen Corporation		
	FP13	WO 2003/083047 A2	10-09-2003	EXELIXIS, Inc.		
	FP14	WO 2001/012662 A2	02-22-2001	Incyte Genomics, Inc.		
	FP15	WO 1999/006427 A1	02-11-1999	Millennium Biotherapeutics, Inc.		
	FP16	WO 2001/040466 A1	06-07-2001	Genentech, Inc.		
	FP17	WO 2005/079566 A2	09-01-2005	Lexicon Genetics Inc.		
	FP18	WO 1999/014328 A2	03-25-1999	Genentech, Inc.		

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	FP19	WO 2001/004311 A1	01-18-2001	Genentech, Inc.		
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	FP22	WO 01/057262 A1	08-09-2001	HYSEQ, Inc.		
	FP23	EP 1 074 617 A2	02-07-2001	Helix Research Institute		
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		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city and/or country where published	T <sup>2</sup>
	NPL1	Rutishauser, U. et al., "Cell Adhesion Molecules in Vertebrate Neural Development," <i>Physiol. Rev.</i> 68:819-857, American Physiological Society (1988)	
	NPL2	Brittis, P.A., et al., "Nogo Domains and a Nogo Receptor: Implications for Axon Regeneration, Neuron 30:11-14 Cell Press (2001)	
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	NPL4	Grimpe, B., et al., "The Critical Role of Basement Membrane-Independent Laminin γ1 Chain During Axon Regeneration in the CNS," J. Neurosci. 22:3144-3160, Society for Neuroscience (2002)	
	NPL5	Chen, M.S., et al., "Nogo-A is a Myelin-Associated Neurite Outgrowth Inhibitor and an Antigen for Monoclonal Antibody IN-1," <i>Nature</i> 403:434-439, Macmillan Magazines Ltd. (2000)	
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Examiner	Date
Signature	Considered

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Examiner Initials*	Cite No. <sup>1</sup>	Include the iten	name of the a	uthor (in ( zine, journ	CAPITAL LE nal, serial, sym	TTERS), title of the posium, catalog, etc	article (when appropriate), title of c.), date, page(s), volume number,	T <sup>2</sup>		
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	NPL12	Fourni of Axo	er, A.E., <i>et</i> onal Regene	al., "Ide eration,"	ntification on Nature 409	of a Receptor Me 341-346, Nature	ediating Nogo-66 Inhibition e Publishing Group (2001)			
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	NPL16 Huang, J., et al., "Glial Membranes at the Node of Ranvier Prevent Neurite Outgrowth, Science 310:1813-7 (2005)		nvier Prevent Neurite							
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	NPL18		Mi, S., et al., "LINGO-1 is a component of the Nogo-66 receptor/p75 signaling complex," Nat. Neurosci. 7:221-8, Nature Publishing Group (2004)							
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	NPL20					egulates Myelin 45-51, Nature P	nation by Sublishing Group (2005)			
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Eugania -	C:4-	NON PATENT LITERATURE DOCUMENTS	1
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume number, publisher, city and/or country where published	T <sup>2</sup>
	NPL21	Okafuji, T., et al., "Expression Pattern of LINGO-1 in the Developing Nervous System of the Chick Embryo," Gene Expr. Patterns 6:57-62, Elsevier (2005)	
	NPL22	Park, J.B., et al., A TNF Receptor Family Member, TROY, is a Coreceptor with Nogo Receptro in Mediating the Inhibitory Activity of Myelin Inhibitors," <i>Neuron</i> 3:345-51, Cell Press (2005)	
	NPL23	Shao, Z., et al., "TAJ/TROY, an Orphan TNF Receptor Family Member, Binds Nogo-66 Receptor 1 and Regulates Axonal Regeneration," Neuron 45:353-9, Cell Press (2005)	
	NPL24	Trifunovski, A. et al. "Neuronal activity-induced regulation of LINGO-1," Neuroreport 15:2397-2400 (2004)	
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	NPL30	NCBI Entrez, Accession No. DR000281, Birkett, C., et al. (first available 05/17/2005; last updated 05/17/2005)	

Examiner	Date	-
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1			CLOSURE	I.A. Filing Date	March 17, 2004	
1			PLICANT	First Named Inventor	Sha MI	
(Use as many sheets as necessary)				Art Unit	To be assigned	
L				Examiner Name	To be assigned	
Sheet	4	of	4	Attorney Docket Number	2159.0440003/EJH/J-H	

NPL31	NCBI Entrez, Accession No. AY324320, Carim-Todd, L., et al. (first available 05/04/2004; last updated 05/04/2004)
NPL32	NCBI Entrez, Accession No. AY324323, Carim-Todd, L., et al. (first available 05/04/2004; last updated 05/04/2004)

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